# ATTACHMENT 9

#### Albemarle

#### CEI June 27 & 28, 2006

## Photographic Log

#### Maintenance Area B-5

- 1. Containers used for used F-lamps
- 2. Sample of bulb type used in this area
- 3. Metalarc bulb packaged with used F-lamps, inspector opened container to take photo

#### Process Area B-1

- 4. Activated carbon drum
- 5. Hazardous Waste pipe header
- 6. Close up of pipe labeling from PHOTO 5
- 7. Pump used to transfer hazardous waste to pipe header in PHOTO 5
- 8. <90-Day Hazardous Waste Container

#### Outside Process Area B-1

- 9. Shed used for storage of <90-Day Solid Hazardous Waste container
- 10. <90-Day Solid Hazardous Waste container (Container temporarily not in shed from PHOTO 9, modifications about to be made to shed)
- 11. Label on the <90-Day Hazardous Waste container from PHOTO 10

#### Process Area B-3

- 12. Label on the <90-Day Hazardous Waste container in this area
- 13. Valve in line used to pump the contents of the container in PHOTO 12
- 14. Tag on the line for the valve in PHOTO 13

# MPP Area

- 15. Tank TS-100-5, used to collect the organic material from the separator
- 16. Tighter shot of TS-100-5 and ancillary equipment
- 17. Activated carbon bed for this operation
- 18. Line used to pump contents of TS-100-5 to Hazardous Waste Tank TCS-8000-7

#### Outside of Hazardous Waste Storage Tank Containment Area

- 19. Storm Water drain
- Stenciled marking seen to the right of PHOTO 19
   Reads "STORM WATER DRAIN GOES TO BALD EAGLE CREEK"

#### Hazardous Waste Tank Truck Area

- 21. Tank Truck used as Hazardous Waste container for the acetic acid containing waste
- 22. Frontal shot of the tank truck in PHOTO 21, includes the containment berms
- 23. Nose of tank truck from PHOTOS 21 7 22 seen at left
  At rear is one of the ten tanks in the Hazardous Waste Storage Tank Containment Area
- 24. Close up of the forefront of PHOTO 23
  Interface of the containment area with the driveway

#### Hazardous Waste Storage Tank Containment Area

- 25. Part of the containment pad and berm, the hose is inside the containment area
- 26. Torrential rains were occurring on and off during the day of inspection
- 27. Hazardous Waste Storage Tank TCS-8000-7, one of ten in the Hazardous Waste Tank Containment Area
  - Example of the labeling used on each of the ten Hazardous Waste Storage Tanks here

#### Hazardous Waste Tank Truck Area

28. Same area as pictured in PHOTO 24 while torrential rain was falling
Observed material from the Hazardous Waste Tank Truck containment area (at right)
flowing out of the driveway (at left) Material that flows out the driveway goes down and
around the containment area to the Storm Water Drain pictured in PHOTOS 19 & 20

#### Process Area B-6

- 29. Organic waste line
- 30. Hazardous Waste pipe header
- 31. Pumps and hoses used for Hazardous Waste transfer to B-6 pipe header

#### Process Area B-10

- 32. Pump and lines used for hazardous waste transfer to B-10 pipe header
- 33. Pipe for transfer of hazardous waste from B-10 process area to B-9 Waste pipe header
- 34. Section of transfer line used to transfer hazardous waste from B-10 to B-9 pipe header Note flanges and threaded fittings
- 35. Example of an ID tag observed on one of the valves
- 36. Log for the <90-Day Hazardous Waste Container in this area

#### Drum Storage 3

- 37. <90-Day Hazardous Waste Storage Area
- 38. Containers to the rear of PHOTO 37 (No dates or HW labels could be seen)
- 39. Pallet of containers awaiting profiling (not yet determined to be waste)
- 40. Pallet of containers of Hazardous Waste

#### Outside of Lab Building

- 41. Container of hazardous waste inside secondary containment No label or date on the container
- 42. Label and date on the roll down panel of the secondary container from PHOTO 41

## Laboratory

43. Satellite containers inside a hood

#### Process Area B-14

- 44. Organic Waste pipe
- 45. Hazardous waste pipe header, note all the threaded fittings
- 46. Piping and addition funnel for the <90-Day Hazardous Waste container
- 47. Labeling and log for the <90-Day Hazardous Waste container

#### **DAY 2 PHOTOS**

#### Process Area B-1

1. Waste pipe header, "A" Waste line was marked with magic marker just above the valve "136"

#### Hazardous Waste Tank Truck Area

- 2. Interface of driveway (left) with front of the Hazardous Waste Tank Truck Storage Area Shows remnants of 6/27 storm event and path of material from storage area to driveway
- 3. Step back of PHOTO 2
  Shows location of the tank truck in the storage area and the path of material flow from the storage area to the driveway
- 4. Lines used for transfer of hazardous waste to the tank truck Front line is the charge or loading line Rear line is the vent to the scrubber
- 5. Step back view of the lines from PHOTO 4

## Hazardous Waste Storage Tank Containment Area

- 6. Section of pad that has been scheduled for repair
- 7. Crack observed that has been scheduled for repair

6/27/06



Maintenance area B-5 Containers used for used F-lamps



Maintenance Area B-5
Sample of type of bulb used in this area

РНОТО 3



Maintenance Area B-5 Metalarc bulb packaged with used F-lamps, inspector opened container to take photo



Process Area B-1 Activated carbon drum

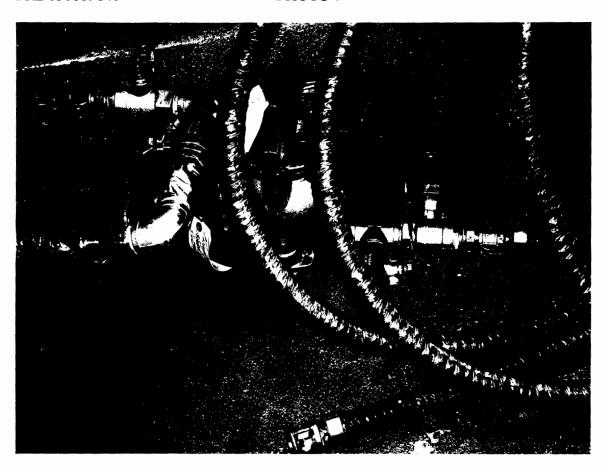


Process Area B-1 Hazardous Waste pipe header



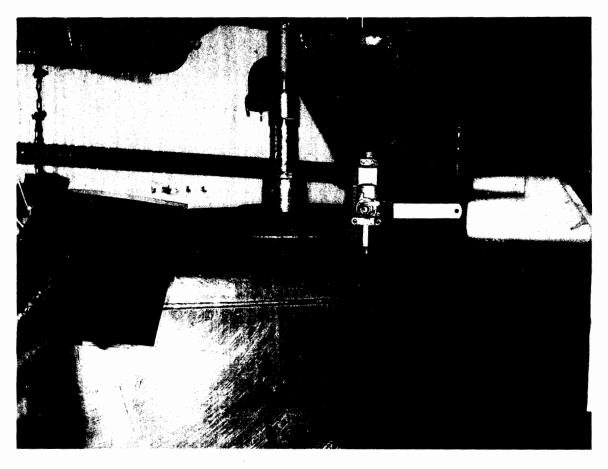
Process Area B-1 Close up of pipe labeling from PHOTO 5

РНОТО 7



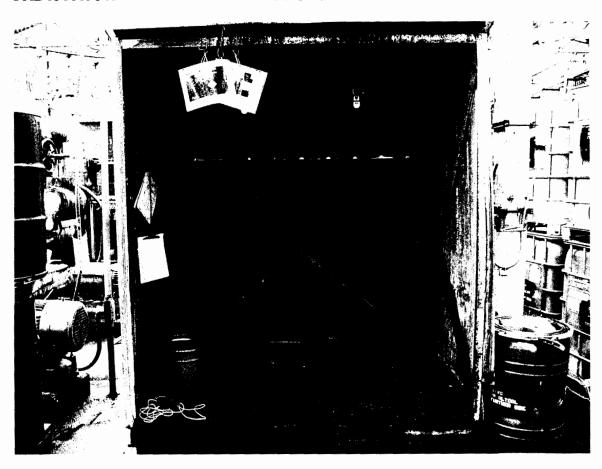
Process Area B-1 Pump used to transfer hazardous waste to pipe header in PHOTO 5

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Process Area B-1 <90-Day Hazardous Waste Container

6/27/06

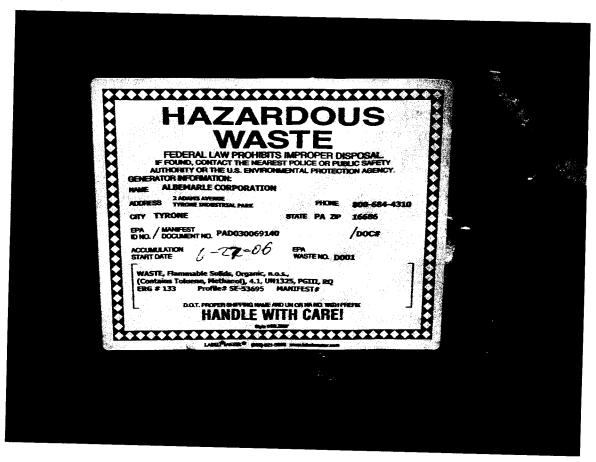


Outside Process Area B-1 Shed used for storage of <90-Day Solid Hazardous Waste container

6/27/06



Outside Process Area B-1 <90-Day Solid Hazardous Waste container (Container temporarily not in shed from PHOTO 9, modifications about to be made to shed)

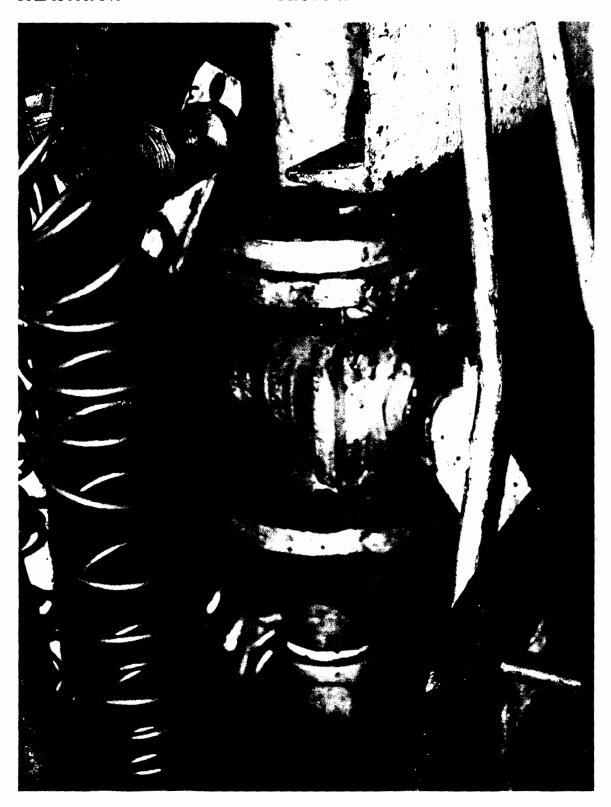


Outside Process Area B-1 Label on the <90-Day Hazardous Waste container from PHOTO 10

6/27/06



Process Area B-3 Label on the <90-Day Hazardous Waste container in this area



Process Area B-3
Valve in line used to pump the contents of the container in PHOTO 12



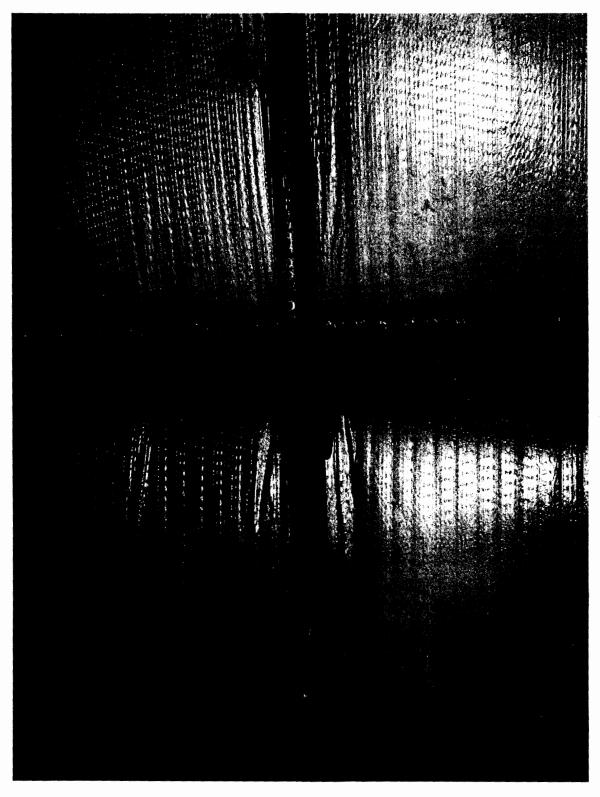
Process Area B-3 Tag on the line for the valve in PHOTO 13



MPP Area
Tank TS-100-5, used to collect the organic material from the separator



MPP Area
Tighter shot of TS-100-5 and ancillary equipment

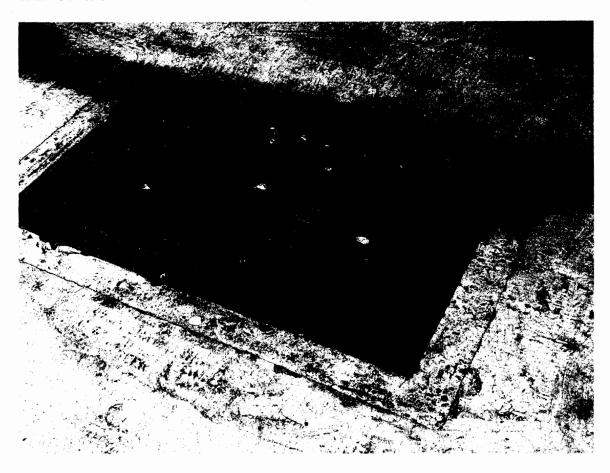


MPP Area
Line used to pump contents of TS-100-5 to Hazardous Waste Tank TCS-8000-7



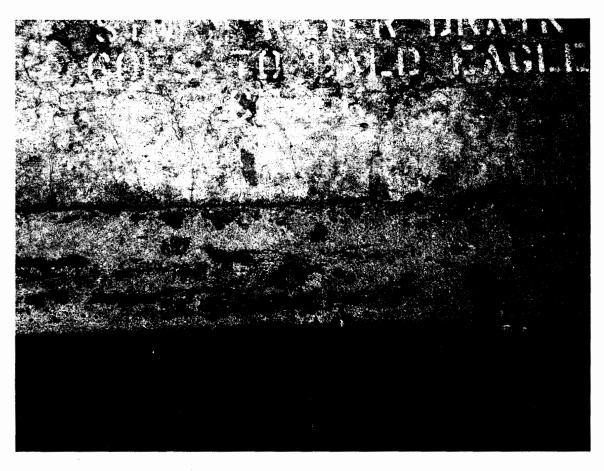
MPP Area Activated Carbon Bed for this operation

6/27/06



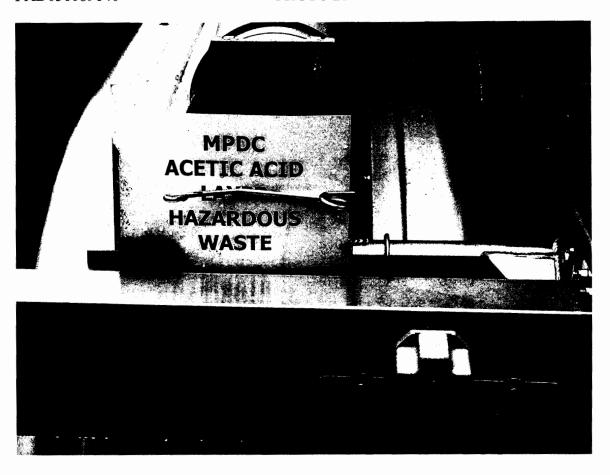
Outside of Hazardous Waste Tank Containment Area Storm Water drain

6/27/06

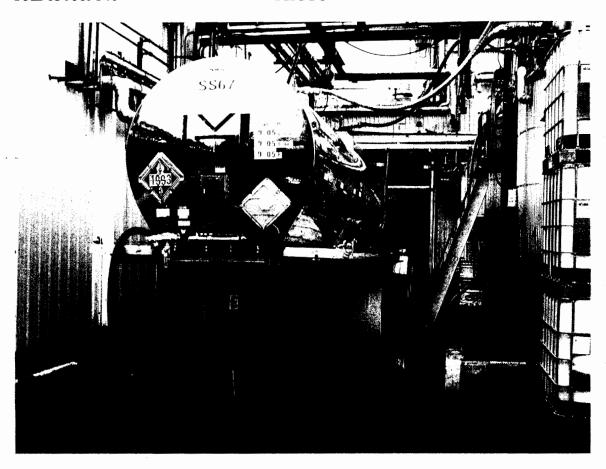


Outside of Hazardous Waste Tank Containment Area Stenciled marking seen to the right of PHOTO 19 Reads "STORM WATER DRAIN GOES TO BALD EAGLE CREEK"

6/27/06



Tank Truck used as Hazardous Waste container for the acetic acid containing waste



Frontal shot of the tank truck in PHOTO 21, includes the containment berms

6/27/06



Nose of tank truck from PHOTOS 21 & 22 seen at left At rear is one of the ten tanks in the Hazardous Waste Tank Containment Area

6/27/06



Close up of the forefront of PHOTO 23
Interface of the containment area with the driveway

6/27/06

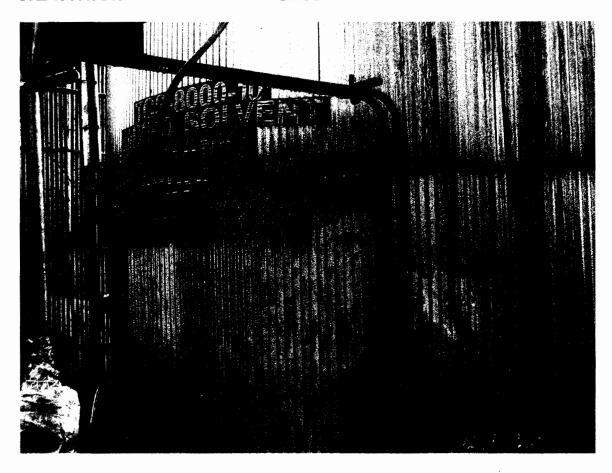


Hazardous Waste Tank Containment Area Part of the containment pad and berm, the hose is in the containment area

6/27/06



Hazardous Waste Tank Containment Area Torrential rains were occurring off and on during the day



Hazardous Waste Storage Tank TCS-8000-7, one of ten in the Hazardous Waste Tank Containment Area

Example of the labeling used on each of the ten Hazardous Waste Storage Tanks here

6/27/06

**PHOTO 28** 

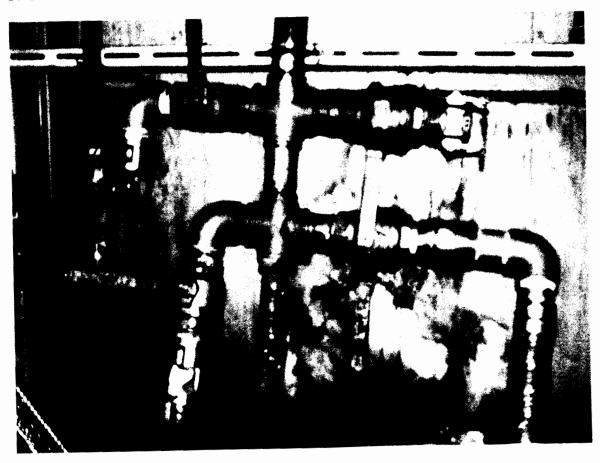


Same area as pictured in PHOTO 24 while torrential rain was falling Observed material from the Hazardous Waste tank truck containment area (at right) flowing out to the driveway (at left) Material that flows out the driveway goes down and around the containment area to the Storm Water Drain pictured in PHOTOS 19 & 20



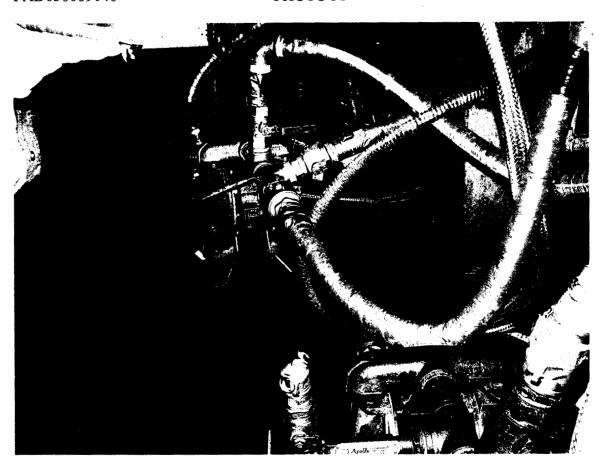
Process Area B-6 Organic waste line

6/27/06



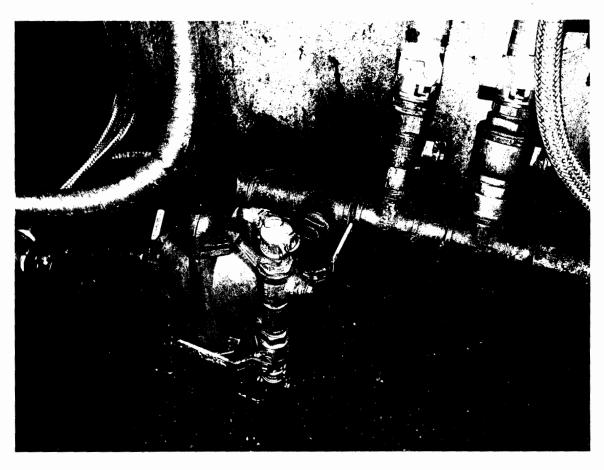
Process Area B-6 Hazardous Waste pipe header

6/27/06

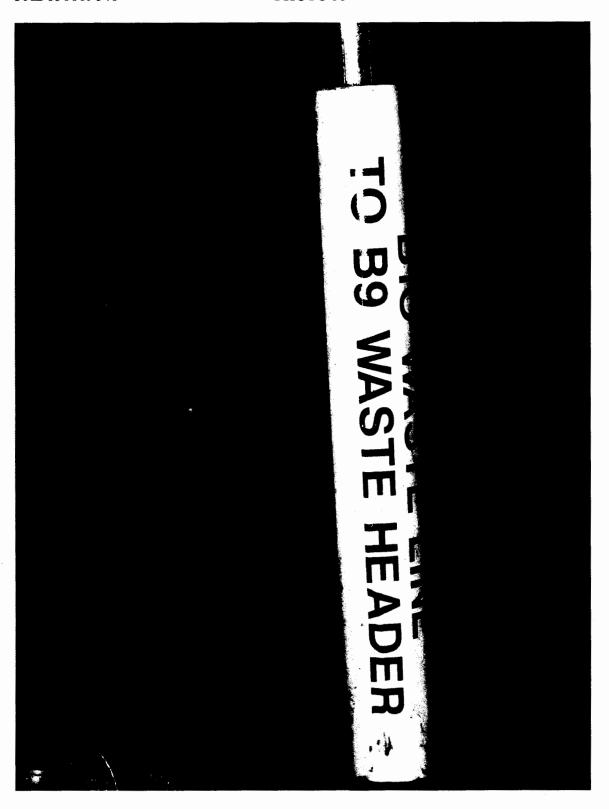


Process Area B-6
Pumps and hoses used for Hazardous Waste transfer to B-6 pipe header

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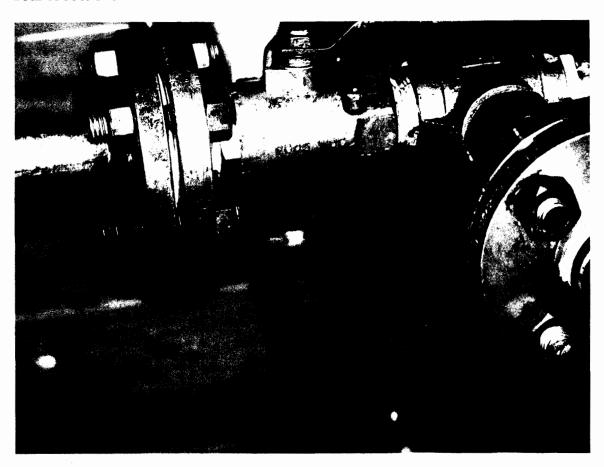


Process Area B-10 Pump and lines used for hazardous waste transfer B-10 pipe header

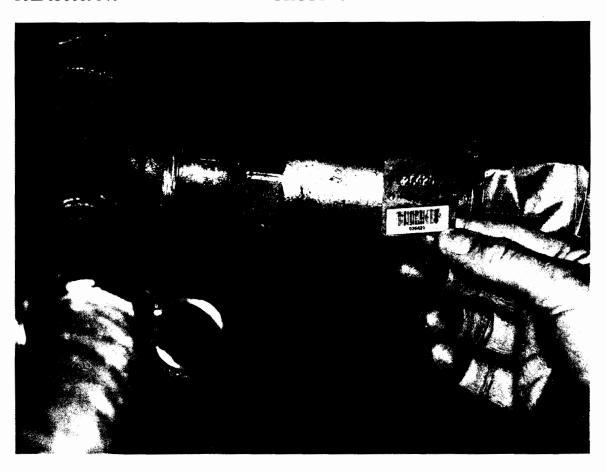


Process Area B-10
Pipe for transfer of hazardous waste from B-10 process area toB-9 Waste pipe header

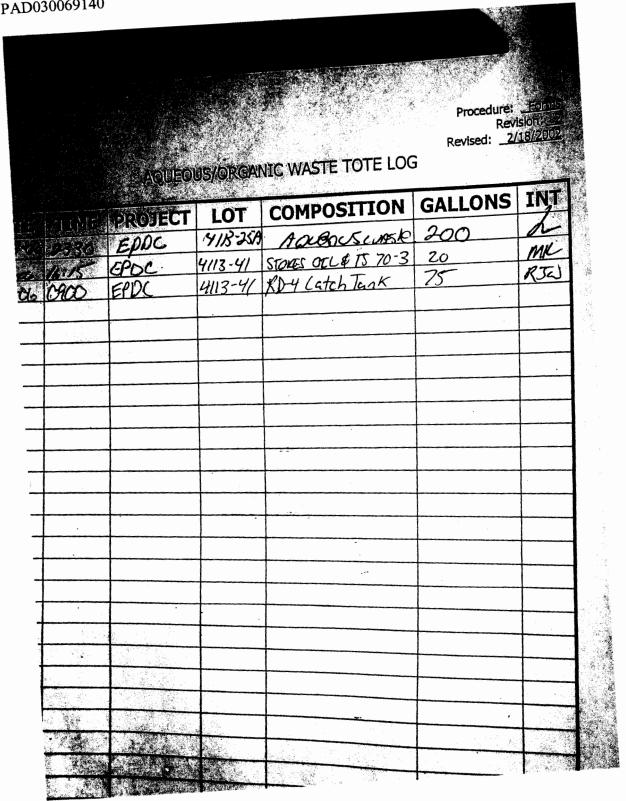
6/27/06



B-10 Process Area Section of transfer line used to transfer hazardous waste from B-10 to B-9 pipe header Note flanges and threaded fittings

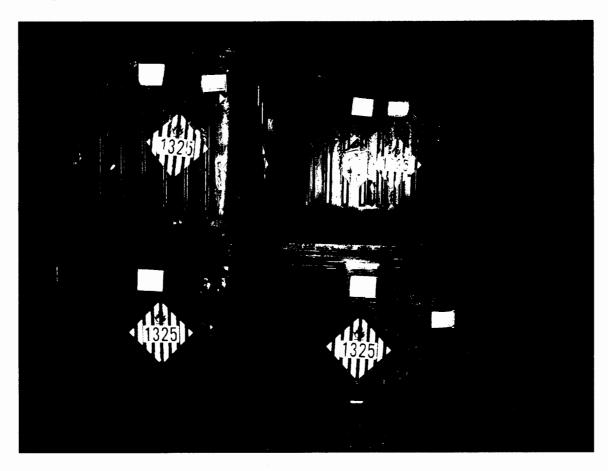


Process Area B-10 Example of an ID tag observed on one of the valves



Process Area B-10 Log for the <90-Day Hazardous Waste Container in this area

6/27/06



Drum Storage 3 (<90-Day Hazardous Waste Storage Area)



Drum Storage 3 (<90-Day Hazardous Waste Storage Area) Containers to the rear of PHOTO 37 (No dates or HW labels could be seen)



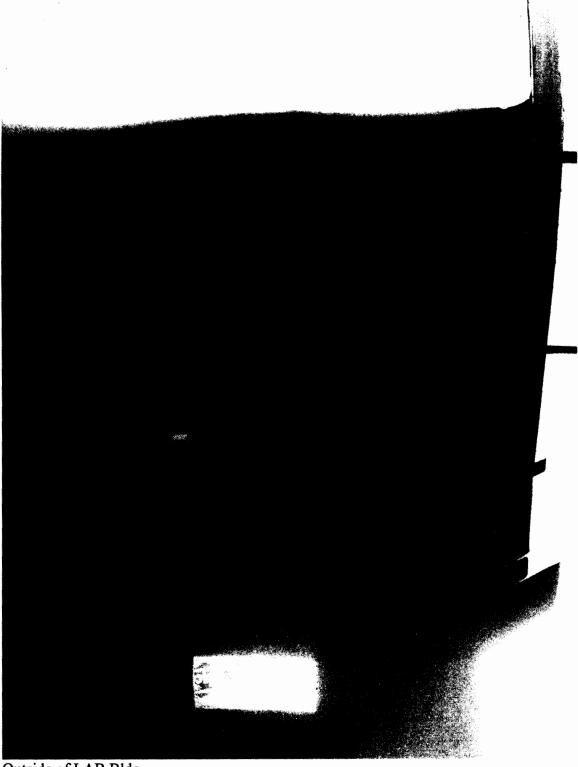
Drum Storage 3 (<90-Day Hazardous Waste Storage Area)
Pallet of containers awaiting profiling (not yet determined to be waste)

6/27/06



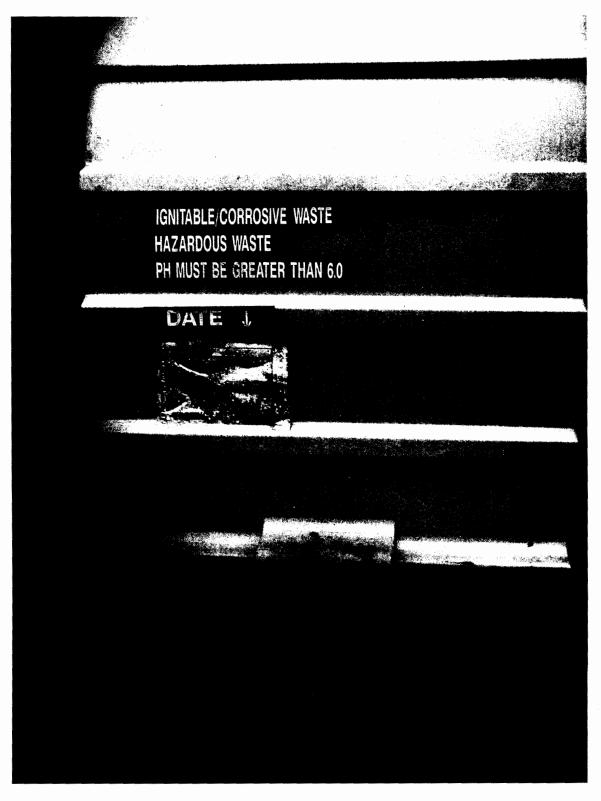
Drum Storage 3 (<90-Day Hazardous Waste Storage Area)
Pallet of containers of Hazardous Waste

6/27/06



Outside of LAB Bldg Container of hazardous waste inside secondary containment, No label or date on the container

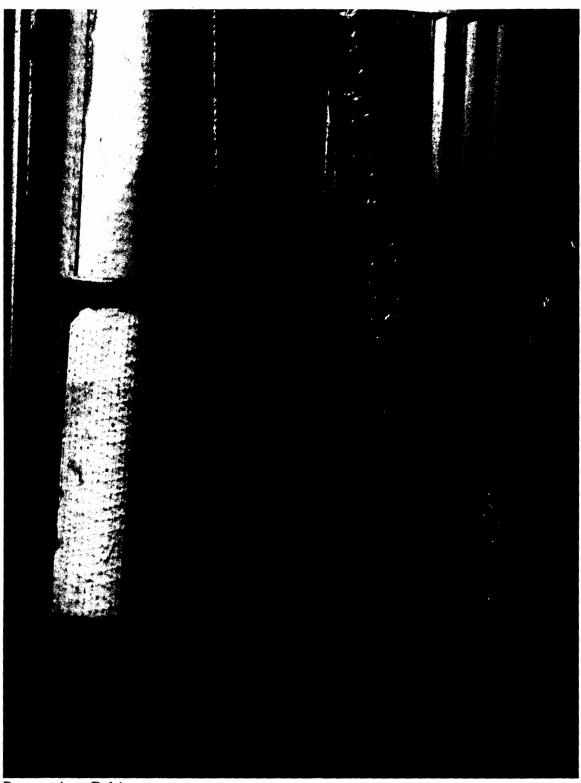
6/27/06



Outside of LAB Bldg Label and date on the roll down panel of the secondary container from PHOTO 41



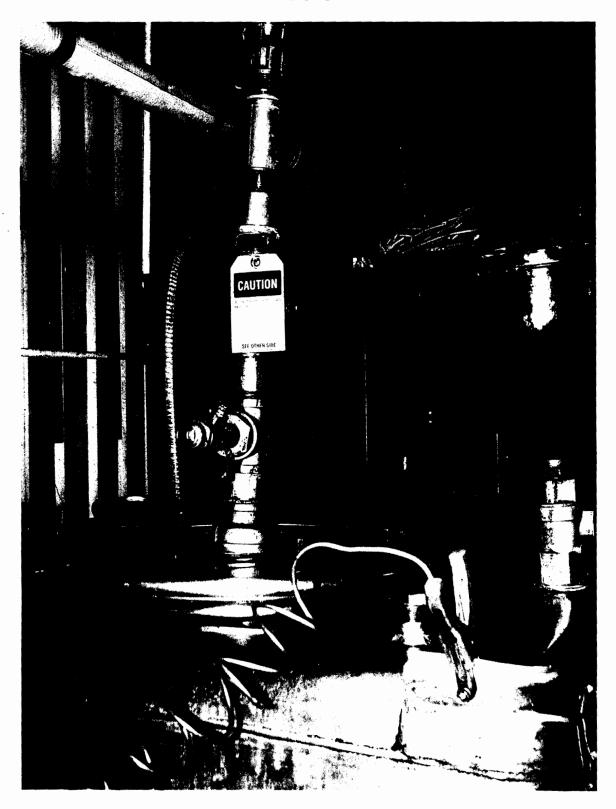
Laboratory
Satellite containers inside a hood



Process Area B-14 Organic Waste Pipe



Process Area B-14 Hazardous Waste pipe header, note all the threaded fittings



Process Area B-14
Piping and addition funnel for the <90-Day Hazardous Waste container



Process Area B-14 Labeling and log for the <90-Day Hazardous Waste container



Process Area B-1 Waste pipe header "A" Waste Line was marked with magic marker just above the valve "136"



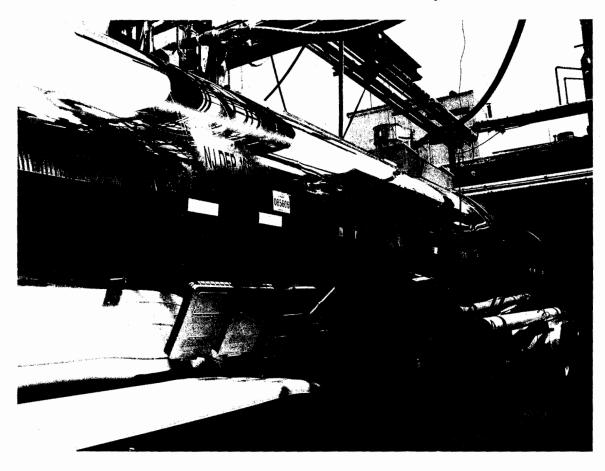
Interface of driveway (left) with front of the Hazardous Waste Tank Truck Storage Area Shows remnants of 6/27 storm event and path of material from storage area to driveway



Step back of PHOTO 2 Day 2 Shows location of the Tank Truck in the Storage Area and the path ofmaterial flow from the Storage Area to the driveway

6/28/06

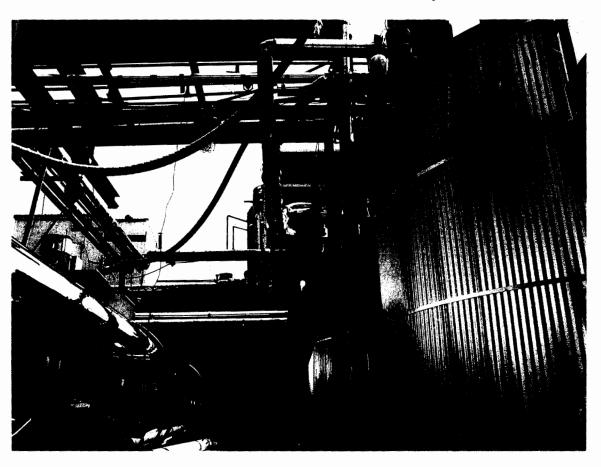
PHOTO 4



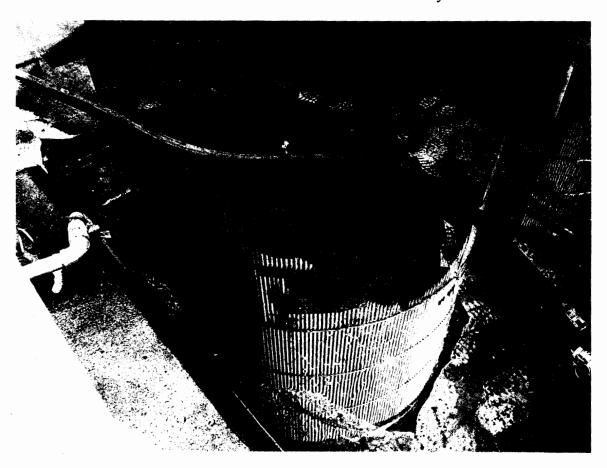
Lines used for transfer of hazardous waste to the tank truck Front line is the charge or loading line Rear line is the vent to the scrubber

6/28/06

PHOTO 5



Step back view of the lines in Day 2 PHOTO 4



Hazardous Waste Storage Tank Containment Area Section that has been scheduled for repair



Hazardous Waste Storage Tank Containment Area Crack observed that has been scheduled for repair